Amendments to the claims:

This listing of claims will replace all prior versions, and listing of claims in the application:

Listing of claims:

1. (Currently amended): A method in a computing system having an active first partition including an active first operating system and an active second partition including an active second operating system, the method comprising the steps of:

a) collecting first partition cumulative throughput information in the active first partition, the throughput information consisting of any one of first partition processor utilization or first partition network packet activity;

b) calculating a velocity metric based on the first partition cumulative throughput information collected in the active first partition;

~~a~~c) conveying the velocity metric ~~first partition throughput information~~ from said active first partition to a partition manager by way of shared memory, the shared memory accessible to both the active first partition and the partition manager;

~~b~~d) creating in said partition manager, resource balancing directives from said ~~throughput information~~ velocity metric; and

~~c~~e) dynamically allocating cross system resources to said active first partition by the partition manager according to the resource balancing directives, the cross system resources comprising one or more processors.

2. (Currently amended): The method according to claim 1 wherein the partition manager comprises a workload manager running in said active second partition and a hypervisor.

3. (Canceled)

4. (Original): The method according to claim 1 wherein communication between partitions includes single operation message passing.

5. (Canceled)

6. (Original): The method according to claim 1 wherein the information about throughput is obtained by counting network packets related to a partition.

7. (Original): The method according to claim 6 wherein packets received by a partition are counted.

8. (Original): The method according to claim 6 wherein packets sent by a partition are counted.

9. (Canceled)

10. (Currently amended): The method according to claim 1 wherein the calculating a velocity metric comprises ~~information about throughput is obtained by~~ relating ~~network traffic to a processor utilization~~ first partition processor utilization to first partition network packet activity over a period of time.

11. (Currently amended): The method according to claim 10 wherein the first partition network packet activity ~~network traffic~~ is obtained by counting network packets related to ~~a~~ the active first partition.

12. (Currently amended): The method according to claim 10 wherein ~~processor~~ first partition CPU utilization is obtained from a system activity counter.

13. (Original): The method according to claim 10 wherein processor utilization is a system activity counter.

14. (Canceled)

15. (currently amended): A computer program product comprising a computer useable medium having computer readable program code therein in a computing system having an active first partition including an active first operating system and an active second partition including an active second operating system, the computer readable program code in said computer program product comprising:

a) collecting first partition cumulative throughput information in the active first partition, the throughput information consisting of any one of first partition processor utilization or first partition network packet activity;

b) calculating a velocity metric based on the first partition cumulative throughput information collected in the active first partition;

~~a~~c) conveying the velocity metric ~~first partition throughput information~~ from said active first partition to a partition manager by way of shared memory, the shared memory accessible to both the active first partition and the partition manager;

~~b~~d) creating in said partition manager, resource balancing directives from said ~~throughput information~~ velocity metric; and

~~c~~e) dynamically allocating cross system resources to said active first partition by the partition manager according to the resource balancing directives, the cross system resources comprising one or more processors.

16. (Currently amended): The method according to claim 15 wherein the partition manager comprises a workload manager running in said active second partition and a hypervisor.

17. (Original): The method according to claim 15 wherein communication between partitions includes inter-partition memory sharing.

18. (Original): The method according to claim 15 wherein communication between partitions includes single operation message passing.

19. (Canceled)

20. (Original): The method according to claim 15 wherein the information about throughput is obtained by counting network packets related to a partition.

21. (Original): The method according to claim 20 wherein packets received by a partition are counted.

22. (Original): The method according to claim 20 wherein packets sent by a partition are counted.

23. (Canceled)

24. (Currently amended): The method according to claim 15 wherein the calculating a velocity metric comprises ~~information about throughput is obtained by~~ relating ~~network traffic to a processor utilization~~ first partition processor utilization to first partition network packet activity over a period of time.

25. (Currently amended): The method according to claim 24 wherein the first partition network packet activity ~~network traffic~~ is obtained by counting network packets related to ~~a~~ the active first partition.

26. (Currently amended): The method according to claim 24 wherein ~~processor~~ first partition CPU utilization is obtained from a system activity counter.

27. (Original): The method according to claim 24 wherein processor utilization is a system activity counter.

28. (Canceled)

29. (Currently amended): A system in a computing system having an active first partition including an active first operating system, and an active second partition including an active second operating system, the system comprising:

computer instructions to execute a method comprising:

a) collecting first partition cumulative throughput information in the active first partition, the throughput information consisting of any one of first partition processor utilization or first partition network packet activity;

b) calculating a velocity metric based on the first partition cumulative throughput information collected in the active first partition;

~~a~~c) conveying the velocity metric ~~first partition throughput information~~ from said active first partition to a partition manager by way of shared memory, the shared memory accessible to both the active first partition and the partition manager;

~~b~~d) creating in said partition manager, resource balancing directives from said ~~throughput information~~ velocity metric; and

~~c~~e) dynamically allocating cross system resources to said active first partition by the partition manager according to the resource balancing directives, the cross system resources comprising one or more processors.

30. (Currently amended): The method according to claim 29 wherein the partition manager comprises a workload manager running in said active second partition and a hypervisor.

31. (Canceled)

32. (Original): The method according to claim 29 wherein communication between partitions includes single operation message passing.

33. (Canceled)

34. (Original): The method according to claim 29 wherein the information about throughput is obtained by counting network packets related to a partition.

35. (Original): The method according to claim 34 wherein packets received by a partition are counted.

36. (Original): The method according to claim 34 wherein packets sent by a partition are counted.

37. (Canceled)

38. (Currently amended): The method according to claim 29 wherein the calculating a velocity metric comprises ~~information about throughput is obtained by~~ relating ~~network traffic to a processor utilization~~ first partition processor utilization to first partition network packet activity over a period of time.

39. (Currently amended): The method according to claim 38 wherein the first partition network packet activity ~~network traffic~~ is obtained by counting network packets related to ~~a~~ the active first partition.

40. (Currently amended): The method according to claim 38 wherein ~~processor~~ first partition CPU utilization is obtained from a system activity counter.

41. (Original): The method according to claim 38 wherein processor utilization is a system activity counter.

42. (Canceled)

43. (Canceled):